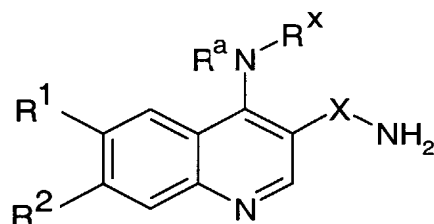


Claims

1. A compound of formula (I)



(I)

- 5 or a pharmaceutically acceptable salt or solvate thereof, wherein
 X is $-\text{CHOH}$ or $-\text{C}=\text{O}$;
 R^1 and R^2 , which may be the same or different, represent nitro, cyano, $\text{C}_1\text{-C}_8$ alkyl, $\text{C}_1\text{-C}_8$ alkoxy, hydroxy, aryl, $\text{Y}(\text{CR}^3_2)_p\text{NR}^4\text{R}^5$, $\text{Y}(\text{CR}^3_2)_p\text{CONR}^4\text{R}^5$, $\text{Y}(\text{CR}^3_2)_p\text{CO}_2\text{R}^6$, $\text{Y}(\text{CR}^3_2)_p\text{OR}^6$, $\text{Y}(\text{CR}^3_2)_p\text{R}^6$, $\text{Y}(\text{CR}^3_2)_p\text{OCOR}^6$
 10 or R^1 and R^2 are linked together as $-\text{OCH}_2\text{O}-$ or $-\text{OCH}_2\text{CH}_2\text{O}-$;
 R^3 groups are independently hydrogen, $\text{C}_1\text{-C}_8$ alkyl, hydroxy, $\text{C}_1\text{-C}_8$ alkoxy or halogen;
 p is 0, 1, 2, 3, 4 or 5;
 Y is oxygen, CH_2 , $-\text{OSO}_2-$ or NR^7
 R^4 and R^5 each independently represent hydrogen or a group selected from $\text{C}_1\text{-C}_8$ alkyl, -
 15 $\text{C}_1\text{-C}_8$ alkoxy, $-\text{CO}-(\text{C}_1\text{-C}_8)$ alkyl, $-\text{CO}-(\text{C}_1\text{-C}_8)$ cycloalkyl, $-\text{SO}_2-(\text{C}_1\text{-C}_8)$ alkyl, $-\text{CO}-(\text{C}_1\text{-C}_8)$ alkoxy, $-\text{CO}-\text{NR}^7(\text{C}_1\text{-C}_8)$ alkyl, $\text{C}_3\text{-C}_8$ cycloalkyl, each of which groups may optionally be substituted by one or more hydroxy, cyano, $-\text{CONH}_2$ or $-\text{CO}-(\text{C}_1\text{-C}_8)$ alkoxy groups, or R^4 and R^5 together with the nitrogen atom to which they are attached form a 4- to 7-membered, saturated or aromatic heterocyclic ring system optionally containing one or
 20 more additional heteroatoms selected from oxygen, sulphur or nitrogen, the ring itself being optionally substituted by at least one substituent selected from hydroxy, $\text{C}_1\text{-C}_8$ alkyl, $=\text{O}$, $\text{C}_1\text{-C}_8$ alkoxy or $(\text{C}_1\text{-C}_8)$ alkoxy)- $\text{CO}-$, or one of R^4 and R^5 is hydrogen or $\text{C}_1\text{-C}_8$ alkyl and the other is a 5- or 6-membered heterocyclic ring system optionally containing a further oxygen, sulphur or nitrogen atom;
 25 R^6 is hydrogen, $\text{C}_1\text{-C}_8$ alkyl (itself optionally substituted by one or more hydroxy, cyano, halogen or amino groups), phenyl, benzyl, $-\text{CO}(\text{C}_1\text{-C}_8)$ alkyl or a saturated monocyclic 4-

- to 7-membered ring, which ring may optionally comprise one or more heteroatoms selected from nitrogen, oxygen and sulphur, the ring itself being optionally substituted by at least one substituent selected from C₁-C₈ alkyl, C₁-C₈ alkoxy, =O, C₁-C₈ alkyl -CO-, or (C₁-C₈ alkoxy)-CO- where any C₁-C₈ alkyl is optionally substituted by one or more hydroxy,
- 5 cyano, halogen or amino groups;
 R⁷ is hydrogen or C₁-C₈ alkyl;
 R^a is hydrogen or C₁-C₈ alkyl;
 R^x is a group selected from C₁-C₈ alkyl, C₃-C₈ cycloalkyl or a saturated monocyclic 4- to 7-membered ring comprising one or more heteroatoms selected from nitrogen, oxygen and
- 10 sulphur, wherein any C₃-C₈ cycloalkyl group or saturated monocyclic 4- to 7-membered ring is optionally substituted by one or more groups selected from hydroxy, azido, cyano, amino, halogen, -CONH₂-, C₁-C₈ alkyl, (C₁-C₈ alkyl)CO-, C₁-C₈ alkoxy, or (C₁-C₈ alkoxy)-CO-, and any C₁-C₈ alkyl, (C₁-C₈ alkyl)CO-, C₁-C₈ alkoxy, or (C₁-C₈ alkoxy)-CO- group is itself optionally substituted by one or more substituents selected from hydroxy, azido,
- 15 cyano, amino, halogen or phenyl; or R^x is a group Ar;
 Ar is selected from phenyl, tetrahydronaphthenyl, indolyl, pyrazolyl, dihydroindenyl, 1-oxo-2,3-dihydroindenyl, indazolyl, dihydroisoquinolyl, oxodihydroisoquinolyl, tetrahydroisoquinolyl or oxotetrahydroisoquinolyl, each of which can be optionally substituted by one or more groups, which may be the same or different, selected from
- 20 halogen, hydroxy, cyano, C₁-C₈ alkoxy, CO₂R⁸, CONR⁹R¹⁰, C₁-C₈ alkyl-NR⁸-C₁-C₈ alkyl, C₁-C₈ alkyl-CONR⁸-C₁-C₈ alkyl, C₁-C₈ alkyl-CONR⁹R¹⁰, NR⁸COC₁-C₈ alkyl, C₁-C₈ thioalkyl, C₁-C₈ alkyl (itself optionally substituted by one or more hydroxy, azido or cyano groups or fluorine atoms), C₁-C₈ alkyl-NR¹¹R¹², C₁-C₈ alkyl-OR¹², C₁-C₈ alkyl-SR¹²;
 R⁸ is hydrogen or C₁-C₈ alkyl;
- 25 R⁹ and R¹⁰ are each independently hydrogen or C₁-C₈ alkyl
 R¹¹ is hydrogen or C₁-C₈ alkyl;
 R¹² is hydrogen or a group selected from C₁-C₈ alkyl, -(CR¹³₂)_nR¹⁴,
 -CO-(CR¹³₂)_nR¹⁴, -SO₂-(CR¹³₂)_nR¹⁴;

n is between 0 and 5;

R¹³ groups are independently hydrogen, C₁-C₈ alkyl, hydroxy, C₁-C₈ alkoxy, hydroxy(C₁-C₈)alkyl, amino or halogen;

R¹⁴ is hydrogen or a group selected from -NR¹⁵R¹⁶, C₁-C₈ alkyl, C₂-C₄ alkenyl, C₂-C₄ alkynyl, -COOH, -S(C₁-C₈ alkyl), -SO(C₁-C₈ alkyl), -CONR¹⁵R¹⁶, -CO(C₁-C₈ alkyl), -CO-O-(C₁-C₈ alkyl), or a saturated or unsaturated 4- to 10-membered ring, which ring may optionally comprise one or more heteroatoms selected from nitrogen, oxygen and sulphur, each of which groups may be optionally substituted by one or more hydroxy, C₁-C₈ alkyl(which may itself optionally be substituted by a 4- to 7-membered saturated or unsaturated heterocyclic ring system optionally containing a further oxygen, sulphur or nitrogen atom, the ring being optionally substituted by one or more hydroxy, hydroxy(C₁-C₈)alkyl, C₁-C₈ alkyl, nitro, -CONH₂ groups), C₁-C₈ alkoxy, C₁-C₈ hydroxyalkyl, -C=O, cyano, amino, nitro, halogen, C₁-C₈ alkylsulphonyl or aminosulphonyl groups or by a saturated monocyclic 4- to 7-membered ring, which ring may optionally comprise one or more heteroatoms selected from nitrogen, oxygen and sulphur;

or R¹¹ and R¹², together with the nitrogen atom to which they are attached form a 4- to 10-membered saturated or unsaturated heterocyclic ring system optionally containing one or more additional heteroatoms selected from oxygen, sulphur or nitrogen, the ring itself being optionally substituted by one or more hydroxy, hydroxy(C₁-C₈)alkyl, C₁-C₈ alkyl(which may itself optionally be substituted by a 4- to 7-membered saturated or unsaturated heterocyclic ring system optionally containing a further oxygen, sulphur or nitrogen atom, the ring being optionally substituted by one or more hydroxy, (C₁-C₈)alkyl, C₁-C₈ alkyl, nitro, -CONH₂ groups), nitro, cyano, -CONH₂, amino, =O or -COOH groups or by a saturated monocyclic 4- to 7-membered ring, which ring may optionally comprise one or more heteroatoms selected from nitrogen, oxygen and sulphur and which may be optionally substituted by one or more substituents selected from C₁-C₈ alkyl, C₁-C₈ alkoxy or (C₁-C₈ alkoxy)-CO-; and

R¹⁵ and R¹⁶, which may be the same or different, represent hydrogen, C₁-C₈ alkyl, -CONH₂ or -C(NH₂)=NH;

provided that when

- R^x is Ar, X is $-\text{CO}$ and R^1 and R^2 are independently nitro, cyano, $\text{C}_1\text{-C}_8$ alkyl, $\text{C}_1\text{-C}_8$ alkoxy, hydroxyl, aryl, $\text{Y}(\text{CR}^3_2)_p\text{NR}^4\text{R}^5$, $\text{Y}(\text{CR}^3_2)_p\text{CONR}^4\text{R}^5$, $\text{Y}(\text{CR}^3_2)_p\text{CO}_2\text{R}^6$, $\text{Y}(\text{CR}^3_2)_p\text{OR}^6$,
 5 $\text{Y}(\text{CR}^3_2)_p\text{R}^6$, $-\text{CH}_2(\text{CH}_2)_p\text{OCOR}^6$ or R^1 and R^2 are linked together as $-\text{OCH}_2\text{O}-$ or $-\text{OCH}_2\text{CH}_2\text{O}-$,
 where each R^3 group is independently hydrogen, $\text{C}_1\text{-C}_8$ alkyl, hydroxy, or halogen,
 R^4 and R^5 each independently represent hydrogen or $\text{C}_1\text{-C}_8$ alkyl or R^4 and R^5 together with
 the nitrogen atom to which they are attached form an unsubstituted 4- to 7-membered
 10 saturated or aromatic heterocyclic ring system optionally containing a further oxygen,
 sulphur or NR^6 group or one of R^4 and R^5 is hydrogen or $\text{C}_1\text{-C}_8$ alkyl and the other is a 5- or
 6-membered heterocyclic ring system optionally containing a further oxygen, sulphur or
 nitrogen atom;
 and R^6 is selected from hydrogen, $(\text{C}_1\text{-C}_8)$ alkyl, $-\text{CO}(\text{C}_1\text{-C}_8)$ alkyl, hydroxy substituted
 15 $(\text{C}_1\text{-C}_8)$ alkyl, halogen substituted $(\text{C}_1\text{-C}_8)$ alkyl, phenyl or benzyl,

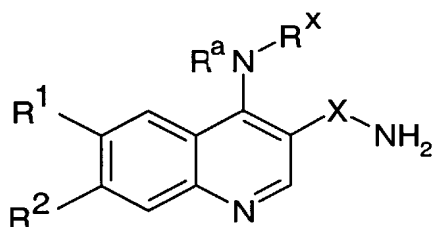
then

- Ar is selected from dihydroisoquinolyl, oxodihydroisoquinolyl, tetrahydroisoquinolyl or
 20 oxotetrahydroisoquinolyl, each of which may be optionally substituted,
 or Ar is phenyl substituted by at least one substituent selected from azido substituted $\text{C}_1\text{-C}_8$
 alkyl, $\text{C}_1\text{-C}_8$ alkyl- $\text{NR}^{11}\text{R}^{12}$, $\text{C}_1\text{-C}_8$ alkyl- OR^{12} or $\text{C}_1\text{-C}_8$ alkyl- SR^{12} ,
 wherein R^{12} is selected from $-(\text{CR}^{13}_2)_n\text{R}^{14}$, $-\text{CO}-(\text{CR}^{13}_2)_n\text{R}^{14}$, $-\text{SO}_2-(\text{CR}^{13}_2)_n\text{R}^{14}$ or R^{11} and
 R^{12} , together with the nitrogen atom to which they are attached form a 4- to 10-membered
 25 saturated or unsaturated heterocyclic ring system optionally containing one or more
 additional heteroatoms selected from oxygen, sulphur or nitrogen, the ring itself being
 optionally substituted by one or more hydroxy, hydroxy $(\text{C}_1\text{-C}_8)$ alkyl, $\text{C}_1\text{-C}_8$ alkyl (which
 may itself optionally be substituted by a 4- to 7-membered saturated or unsaturated
 heterocyclic ring system optionally containing a further oxygen, sulphur or nitrogen atom,
 30 the ring being optionally substituted by one or more hydroxy, $(\text{C}_1\text{-C}_8)$ alkyl, $\text{C}_1\text{-C}_8$ alkyl,

nitro, $-\text{CONH}_2$ groups), nitro, cyano, $-\text{CONH}_2$, amino, $=\text{O}$ or $-\text{COOH}$ groups or by a saturated monocyclic 4- to 7-membered ring, which ring may optionally comprise one or more heteroatoms selected from nitrogen, oxygen and sulphur and which may be optionally substituted by one or more substituents selected from $\text{C}_1\text{-C}_8$ alkyl, $\text{C}_1\text{-C}_8$ alkoxy or ($\text{C}_1\text{-C}_8$ alkoxy)- $\text{CO}-$,

provided that Ar is not phenyl substituted by one or more groups selected from $\text{C}_1\text{-C}_8$ alkyl- NR^{11} - $\text{C}_1\text{-C}_8$ alkyl, $\text{C}_1\text{-C}_8$ alkyl-O- $\text{C}_1\text{-C}_8$ alkyl or $\text{C}_1\text{-C}_6$ alkanoyloxy $\text{C}_1\text{-C}_6$ alkyl.

2. A compound of formula (Ia)



(Ia)

or a pharmaceutically acceptable salt or solvate thereof, wherein

X is $-\text{CHOH}$ or $-\text{C}=\text{O}$;

one of R^1 and R^2 represents nitro, cyano, $\text{C}_1\text{-C}_8$ alkyl, $\text{C}_1\text{-C}_8$ alkoxy, hydroxy, aryl, $\text{Y}(\text{CR}^3_2)_p\text{NR}^4\text{R}^5$, $\text{Y}(\text{CR}^3_2)_p\text{CONR}^4\text{R}^5$, $\text{Y}(\text{CR}^3_2)_p\text{CO}_2\text{R}^6$, $\text{Y}(\text{CR}^3_2)_p\text{OR}^6$, $\text{Y}(\text{CR}^3_2)_p\text{R}^6$, $\text{Y}(\text{CR}^3_2)_p\text{OCOR}^6$

or R^1 and R^2 are linked together as $-\text{OCH}_2\text{O}-$ or $-\text{OCH}_2\text{CH}_2\text{O}-$;

R^3 groups are independently hydrogen, $\text{C}_1\text{-C}_8$ alkyl, hydroxy, $\text{C}_1\text{-C}_8$ alkoxy or halogen; p is 0, 1, 2, 3, 4 or 5;

Y is oxygen, CH_2 , $-\text{OSO}_2-$ or NR^7

R^4 and R^5 each independently represent hydrogen or a group selected from $\text{C}_1\text{-C}_8$ alkyl, $\text{C}_1\text{-C}_8$ alkoxy, $-\text{CO}-(\text{C}_1\text{-C}_8)$ alkyl, $-\text{CO}-(\text{C}_1\text{-C}_8)$ cycloalkyl, $-\text{SO}_2-(\text{C}_1\text{-C}_8)$ alkyl, $-\text{CO}-(\text{C}_1\text{-C}_8)$

- alkoxy, $-\text{CO}-\text{NR}^7(\text{C}_1-\text{C}_8)$ alkyl, C_3-C_8 cycloalkyl, each of which groups may optionally be substituted by one or more hydroxy, cyano, $-\text{CONH}_2$ or $-\text{CO}-(\text{C}_1-\text{C}_8)$ alkoxy groups, or R^4 and R^5 together with the nitrogen atom to which they are attached form a 4- to 7-membered, saturated or aromatic heterocyclic ring system optionally containing one or more additional heteroatoms selected from oxygen, sulphur or nitrogen, the ring itself being optionally substituted by at least one substituent selected from hydroxy, C_1-C_8 alkyl, $=\text{O}$, C_1-C_8 alkoxy or $(\text{C}_1-\text{C}_8 \text{ alkoxy})-\text{CO}-$, or one of R^4 and R^5 is hydrogen or C_1-C_8 alkyl and the other is a 5- or 6-membered heterocyclic ring system optionally containing a further oxygen, sulphur or nitrogen atom;
- R^6 is hydrogen, C_1-C_8 alkyl (itself optionally substituted by one or more hydroxy, cyano, halogen or amino groups), phenyl, benzyl, $-\text{CO}(\text{C}_1-\text{C}_8)$ alkyl or a saturated monocyclic 4- to 7-membered ring, which ring may optionally comprise one or more heteroatoms selected from nitrogen, oxygen and sulphur, the ring itself being optionally substituted by at least one substituent selected from C_1-C_8 alkyl, C_1-C_8 alkoxy, $=\text{O}$, C_1-C_8 alkyl $-\text{CO}-$, or $(\text{C}_1-\text{C}_8 \text{ alkoxy})-\text{CO}-$ where any C_1-C_8 alkyl is optionally substituted by one or more hydroxy, cyano, halogen or amino groups;
- R^7 is hydrogen or C_1-C_8 alkyl;
- R^a is hydrogen or C_1-C_8 alkyl;
- R^x is a group selected from C_1-C_8 alkyl, C_3-C_8 cycloalkyl or a saturated monocyclic 4- to 7-membered ring comprising one or more heteroatoms selected from nitrogen, oxygen and sulphur, wherein any C_3-C_8 cycloalkyl group or saturated monocyclic 4- to 7-membered ring is optionally substituted by one or more groups selected from hydroxy, azido, cyano, amino, halogen, $-\text{CONH}_2-$, C_1-C_8 alkyl, $(\text{C}_1-\text{C}_8 \text{ alkyl})\text{CO}-$, C_1-C_8 alkoxy, or $(\text{C}_1-\text{C}_8 \text{ alkoxy})-\text{CO}-$, and any C_1-C_8 alkyl, $(\text{C}_1-\text{C}_8 \text{ alkyl})\text{CO}-$, C_1-C_8 alkoxy, or $(\text{C}_1-\text{C}_8 \text{ alkoxy})-\text{CO}-$ group is itself optionally substituted by one or more substituents selected from hydroxy, azido, cyano, amino, halogen or phenyl; or R^x is a group Ar;
- Ar is selected from phenyl, tetrahydronaphthenyl, indolyl, pyrazolyl, dihydroindenyl, 1-oxo-2,3-dihydroindenyl, indazolyl, dihydroisoquinolyl, oxodihydroisoquinolyl, tetrahydroisoquinolyl or oxotetrahydroisoquinolyl, each of which can be optionally substituted by one or more groups, which may be the same or different, selected from

halogen, hydroxy, cyano, C₁-C₈ alkoxy, CO₂R⁸, CONR⁹R¹⁰, C₁-C₈ alkyl-NR⁸-C₁-C₈ alkyl, C₁-C₈ alkyl-CONR⁸-C₁-C₈ alkyl, C₁-C₈ alkyl-CONR⁹R¹⁰, NR⁸COC₁-C₈ alkyl, C₁-C₈ thioalkyl, C₁-C₈ alkyl (itself optionally substituted by one or more hydroxy, azido or cyano groups or fluorine atoms), C₁-C₈ alkyl-NR¹¹R¹², C₁-C₈ alkyl-OR¹², C₁-C₈ alkyl-SR¹²;

5 R⁸ is hydrogen or C₁-C₈ alkyl;

R⁹ and R¹⁰ are each independently hydrogen or C₁-C₈ alkyl

R¹¹ is hydrogen or C₁-C₈ alkyl;

R¹² is hydrogen or a group selected from C₁-C₈ alkyl, -(CR¹³₂)_nR¹⁴,

-CO-(CR¹³₂)_nR¹⁴, -SO₂-(CR¹³₂)_nR¹⁴;

10 n is between 0 and 5;

R¹³ groups are independently hydrogen, C₁-C₈ alkyl, hydroxy, C₁-C₈ alkoxy, hydroxy(C₁-C₈)alkyl, amino or halogen;

R¹⁴ is hydrogen or a group selected from -NR¹⁵R¹⁶, C₁-C₈ alkyl, C₂-C₄ alkenyl, C₂-C₄ alkynyl, -COOH, -S(C₁-C₈ alkyl), -SO(C₁-C₈ alkyl), -CONR¹⁵R¹⁶, -CO(C₁-C₈ alkyl),

15 -CO-O-(C₁-C₈ alkyl), or a saturated or unsaturated 4- to 10-membered ring, which ring may optionally comprise one or more heteroatoms selected from nitrogen, oxygen and sulphur, each of which groups may be optionally substituted by one or more hydroxy, C₁-C₈ alkyl(which may itself optionally be substituted by a 4- to 7-membered saturated or unsaturated heterocyclic ring system optionally containing a further oxygen, sulphur or nitrogen atom, the ring being optionally substituted by one or more hydroxy, hydroxy(C₁-C₈)alkyl, C₁-C₈ alkyl, nitro, -CONH₂ groups), C₁-C₈ alkoxy, C₁-C₈ hydroxyalkyl, -C=O, cyano, amino, nitro, halogen, C₁-C₈ alkylsulphonyl or aminosulphonyl groups or by a saturated monocyclic 4- to 7-membered ring, which ring may optionally comprise one or more heteroatoms selected from nitrogen, oxygen and sulphur;

25 or R¹¹ and R¹², together with the nitrogen atom to which they are attached form a 4- to 10-membered saturated or unsaturated heterocyclic ring system optionally containing one or more additional heteroatoms selected from oxygen, sulphur or nitrogen, the ring itself being optionally substituted by one or more hydroxy, hydroxy(C₁-C₈)alkyl, C₁-C₈ alkyl(which may itself optionally be substituted by a 4- to 7-membered saturated or unsaturated heterocyclic ring system optionally containing a further oxygen, sulphur or nitrogen atom,

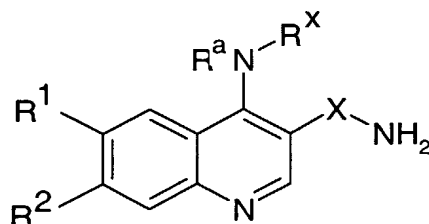
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the ring being optionally substituted by one or more hydroxy, hydroxy(C₁-C₈)alkyl, C₁-C₈ alkyl, nitro, -CONH₂ groups), nitro, cyano, -CONH₂, amino, =O or -COOH groups or by a saturated monocyclic 4- to 7-membered ring, which ring may optionally comprise one or more heteroatoms selected from nitrogen, oxygen and sulphur and which may be optionally substituted by one or more substituents selected from C₁-C₈ alkyl, C₁-C₈ alkoxy or (C₁-C₈ alkoxy)-CO-; and

R¹⁵ and R¹⁶, which may be the same or different, represent hydrogen, C₁-C₈ alkyl, -CONH₂ or -C(NH₂)=NH;

and the other of R¹ and R² is Y(CR³₂)_pNR⁴R⁵, Y(CR³₂)_pCONR⁴R⁵, Y(CR³₂)_pCO₂R⁶, Y(CR³₂)_pOR⁶, Y(CR³₂)_pR⁶ or Y(CR³₂)_pOCOR⁶, where at least one R³ is C₁-C₈ alkoxy, or one of R⁴ and R⁵ is selected from optionally substituted -CO-(C₁-C₈) alkyl, -CO-(C₁-C₈) cycloalkyl, -SO₂-(C₁-C₈) alkyl, -CO-(C₁-C₈) alkoxy, -CO-NR⁷(C₁-C₈) alkyl or C₃-C₈ cycloalkyl, or R⁴ and R⁵ together with the nitrogen atom to which they are attached form a substituted 4- to 7-membered saturated or aromatic heterocyclic ring system optionally containing a further oxygen, sulphur or NR⁶ group, or R⁶ is selected from -CO(C₁-C₈) alkyl or an optionally substituted saturated monocyclic 4- to 7-membered ring, which ring may optionally comprise one or more heteroatoms selected from nitrogen, oxygen and sulphur, and which may be optionally substituted by at least one substituent selected from C₁-C₈ alkyl, C₁-C₈ alkoxy, =O, C₁-C₈ alkyl -CO-, or (C₁-C₈ alkoxy)-CO- where any C₁-C₈ alkyl is optionally substituted by one or more hydroxy, cyano, halogen or amino groups

3. A compound of formula (Ib)



(Ib)

or a pharmaceutically acceptable salt or solvate thereof, wherein

X is $-\text{CHOH}$ or $-\text{C}=\text{O}$;

- 5 R^1 and R^2 , which may be the same or different, represent nitro, cyano, $\text{C}_1\text{-C}_8$ alkyl, $\text{C}_1\text{-C}_8$ alkoxy, hydroxy, aryl, $\text{Y}(\text{CR}^3_2)_p\text{NR}^4\text{R}^5$, $\text{Y}(\text{CR}^3_2)_p\text{CONR}^4\text{R}^5$, $\text{Y}(\text{CR}^3_2)_p\text{CO}_2\text{R}^6$, $\text{Y}(\text{CR}^3_2)_p\text{OR}^6$, $\text{Y}(\text{CR}^3_2)_p\text{R}^6$, $\text{Y}(\text{CR}^3_2)_p\text{OCOR}^6$

or R^1 and R^2 are linked together as $-\text{OCH}_2\text{O}-$ or $-\text{OCH}_2\text{CH}_2\text{O}-$; R^3 groups are independently hydrogen, $\text{C}_1\text{-C}_8$ alkyl, hydroxy, $\text{C}_1\text{-C}_8$ alkoxy or halogen;

- 10 p is 0, 1, 2, 3, 4 or 5;

Y is oxygen, CH_2 , $-\text{OSO}_2-$ or NR^7

- R^4 and R^5 each independently represent hydrogen or a group selected from $\text{C}_1\text{-C}_8$ alkyl, $\text{C}_1\text{-C}_8$ alkoxy, $-\text{CO}-(\text{C}_1\text{-C}_8)$ alkyl, $-\text{CO}-(\text{C}_1\text{-C}_8)$ cycloalkyl, $-\text{SO}_2-(\text{C}_1\text{-C}_8)$ alkyl, $-\text{CO}-(\text{C}_1\text{-C}_8)$ alkoxy, $-\text{CO}-\text{NR}^7(\text{C}_1\text{-C}_8)$ alkyl, $\text{C}_3\text{-C}_8$ cycloalkyl, each of which groups may optionally be
- 15 substituted by one or more hydroxy, cyano, $-\text{CONH}_2$ or $-\text{CO}-(\text{C}_1\text{-C}_8)$ alkoxy groups, or R^4 and R^5 together with the nitrogen atom to which they are attached form a 4- to 7-membered, saturated or aromatic heterocyclic ring system optionally containing one or more additional heteroatoms selected from oxygen, sulphur or nitrogen, the ring itself being optionally substituted by at least one substituent selected from hydroxy, $\text{C}_1\text{-C}_8$ alkyl, $=\text{O}$,
- 20 $\text{C}_1\text{-C}_8$ alkoxy or $(\text{C}_1\text{-C}_8 \text{ alkoxy})-\text{CO}-$, or one of R^4 and R^5 is hydrogen or $\text{C}_1\text{-C}_8$ alkyl and the other is a 5- or 6-membered heterocyclic ring system optionally containing a further oxygen, sulphur or nitrogen atom;

- R^6 is hydrogen, $\text{C}_1\text{-C}_8$ alkyl (itself optionally substituted by one or more hydroxy, cyano, halogen or amino groups), phenyl, benzyl, $-\text{CO}(\text{C}_1\text{-C}_8)$ alkyl or a saturated monocyclic 4- to 7-membered ring, which ring may optionally comprise one or more heteroatoms selected from nitrogen, oxygen and sulphur, the ring itself being optionally substituted by at least one substituent selected from $\text{C}_1\text{-C}_8$ alkyl, $\text{C}_1\text{-C}_8$ alkoxy, $=\text{O}$, $\text{C}_1\text{-C}_8$ alkyl $-\text{CO}-$, or $(\text{C}_1\text{-C}_8 \text{ alkoxy})-\text{CO}-$ where any $\text{C}_1\text{-C}_8$ alkyl is optionally substituted by one or more hydroxy, cyano, halogen or amino groups;
- 25

- 30 R^7 is hydrogen or $\text{C}_1\text{-C}_8$ alkyl;

R^a is hydrogen or C_1 - C_8 alkyl;

R^x is a group selected from C_1 - C_8 alkyl, C_3 - C_8 cycloalkyl or a saturated monocyclic 4- to 7-membered ring comprising one or more heteroatoms selected from nitrogen, oxygen and sulphur, wherein any C_3 - C_8 cycloalkyl group or saturated monocyclic 4- to 7-membered ring is optionally substituted by one or more groups selected from hydroxy, azido, cyano, amino, halogen, $-\text{CONH}_2$ -, C_1 - C_8 alkyl, $(C_1$ - C_8 alkyl) CO -, C_1 - C_8 alkoxy, or $(C_1$ - C_8 alkoxy)- CO -, and any C_1 - C_8 alkyl, C_1 - C_8 alkyl) CO -, C_1 - C_8 alkoxy, or $(C_1$ - C_8 alkoxy)- CO - group is itself optionally substituted by one or more substituents selected from hydroxy, azido, cyano, amino, halogen or phenyl; or R^x is a group Ar;

- 10 Ar is selected from dihydroisoquinolyl, oxodihydroisoquinolyl, tetrahydroisoquinolyl or oxotetrahydroisoquinolyl, each of which can be optionally substituted by one or more groups, which may be the same or different, selected from halogen, hydroxy, cyano, C_1 - C_8 alkoxy, CO_2R^8 , CONR^9R^{10} , C_1 - C_8 alkyl- NR^8 - C_1 - C_8 alkyl, C_1 - C_8 alkyl- CONR^8 - C_1 - C_8 alkyl, C_1 - C_8 alkyl- CONR^9R^{10} , NR^8COC_1 - C_8 alkyl, C_1 - C_8 thioalkyl, C_1 - C_8 alkyl (itself optionally substituted by one or more hydroxy, azido or cyano groups or fluorine atoms), C_1 - C_8 alkyl- $\text{NR}^{11}R^{12}$, C_1 - C_8 alkyl- OR^{12} , C_1 - C_8 alkyl- SR^{12} ;

or Ar is phenyl substituted by at least one substituent selected from azido substituted C_1 - C_8 alkyl, C_1 - C_8 alkyl- $\text{NR}^{11}R^{12a}$, C_1 - C_8 alkyl- OR^{12a} , C_1 - C_8 alkyl- SR^{12a} , wherein R^{12a} is selected from $-(\text{CR}^{13}_2)_nR^{14}$, $-\text{CO}-(\text{CR}^{13}_2)_nR^{14}$, $-\text{SO}_2-(\text{CR}^{13}_2)_nR^{14}$;

- 20 R^8 is hydrogen or C_1 - C_8 alkyl;

R^9 and R^{10} are each independently hydrogen or C_1 - C_8 alkyl

R^{11} is hydrogen or C_1 - C_8 alkyl;

R^{12} is hydrogen or a group selected from C_1 - C_8 alkyl, $-(\text{CR}^{13}_2)_nR^{14}$, $-\text{CO}-(\text{CR}^{13}_2)_nR^{14}$, $-\text{SO}_2-(\text{CR}^{13}_2)_nR^{14}$;

- 25 n is between 0 and 5;

R^{13} groups are independently hydrogen, C_1 - C_8 alkyl, hydroxy, C_1 - C_8 alkoxy, hydroxy(C_1 - C_8)alkyl, amino or halogen;

R^{14} is hydrogen or a group selected from $-\text{NR}^{15}R^{16}$, C_1 - C_8 alkyl, C_2 - C_4 alkenyl, C_2 - C_4 alkynyl, $-\text{COOH}$, $-\text{S}(C_1$ - C_8 alkyl), $-\text{SO}(C_1$ - C_8 alkyl), $-\text{CONR}^{15}R^{16}$, $-\text{CO}(C_1$ - C_8 alkyl),

- CO-O-(C₁-C₈ alkyl), or a saturated or unsaturated 4- to 10-membered ring, which ring may optionally comprise one or more heteroatoms selected from nitrogen, oxygen and sulphur, each of which groups may be optionally substituted by one or more hydroxy, C₁-C₈ alkyl(which may itself optionally be substituted by a 4- to 7-membered saturated or
- 5 unsaturated heterocyclic ring system optionally containing a further oxygen, sulphur or nitrogen atom, the ring being optionally substituted by one or more hydroxy, hydroxy(C₁-C₈)alkyl, C₁-C₈ alkyl, nitro, -CONH₂ groups), C₁-C₈ alkoxy, C₁-C₈ hydroxyalkyl, -C=O, cyano, amino, nitro, halogen, C₁-C₈ alkylsulphonyl or aminosulphonyl groups or by a saturated monocyclic 4- to 7-membered ring, which ring may optionally comprise one or
- 10 more heteroatoms selected from nitrogen, oxygen and sulphur;
or R¹¹ and R¹², together with the nitrogen atom to which they are attached form a 4- to 10-membered saturated or unsaturated heterocyclic ring system optionally containing one or more additional heteroatoms selected from oxygen, sulphur or nitrogen, the ring itself being optionally substituted by one or more hydroxy, hydroxy(C₁-C₈)alkyl, C₁-C₈ alkyl(which
- 15 may itself optionally be substituted by a 4- to 7-membered saturated or unsaturated heterocyclic ring system optionally containing a further oxygen, sulphur or nitrogen atom, the ring being optionally substituted by one or more hydroxy, (C₁-C₈)alkyl, C₁-C₈ alkyl, nitro, -CONH₂ groups), nitro, cyano, -CONH₂, amino, =O or -COOH groups or by a saturated monocyclic 4- to 7-membered ring, which ring may optionally comprise one or
- 20 more heteroatoms selected from nitrogen, oxygen and sulphur and which may be optionally substituted by one or more substituents selected from C₁-C₈ alkyl, C₁-C₈ alkoxy or (C₁-C₈ alkoxy)-CO-; and
R¹⁵ and R¹⁶, which may be the same or different, represent hydrogen, C₁-C₈ alkyl, -CONH₂ or -C(NH₂)=NH,
- 25 provided that Ar is not phenyl substituted by one or more groups selected from
C₁-C₈ alkyl-NR¹¹, C₁-C₈ alkyl, C₁-C₈ alkyl-O-C₁-C₈ alkyl or C₁-C₆ alkanoyloxy C₁-C₆ alkyl.

4. A compound according to any of claims 1 to 3 wherein X is C=O.

5. A compound according to any of claims 1 to 4 wherein R^x is a group selected from C_1 - C_8 alkyl, C_3 - C_8 cycloalkyl or a saturated monocyclic 4- to 7-membered ring comprising one or more heteroatoms selected from nitrogen, oxygen and sulphur, wherein any C_3 - C_8 cycloalkyl group or saturated monocyclic 4- to 7-membered ring is optionally substituted by one or more groups selected from hydroxy, azido, cyano, amino, halogen, $-\text{CONH}_2$ -, C_1 - C_8 alkyl, $(C_1$ - C_8 alkyl) CO -, C_1 - C_8 alkoxy, or $(C_1$ - C_8 alkoxy)- CO -, and any C_1 - C_8 alkyl, $(C_1$ - C_8 alkyl) CO -, C_1 - C_8 alkoxy, or $(C_1$ - C_8 alkoxy)- CO - group is itself optionally substituted by one or more substituents selected from hydroxy, azido, cyano, amino, halogen or phenyl.
6. A compound according to any of claims 1 to 5 wherein R^x is a saturated monocyclic 4- to 7-membered ring comprising one or more heteroatoms selected from nitrogen, oxygen and sulphur, which ring is substituted by one or more C_1 - C_8 alkyl, $(C_1$ - C_8 alkyl) CO -, C_1 - C_8 alkoxy, or $(C_1$ - C_8 alkoxy)- CO - groups, each of which groups is optionally substituted with one or more substituents selected from hydroxy, azido, cyano, amino, halogen, $-\text{CONH}_2$, C_1 - C_8 alkoxy, $(C_1$ - C_8 alkoxy)- CO - or phenyl.
7. A compound according to any of claims 1 to 4 wherein R^x is a group Ar.
8. A compound according to any of claims 1 or 2 wherein Ar is phenyl optionally substituted by one or more groups, which may be the same or different, selected from halogen, hydroxy, cyano, C_1 - C_8 alkoxy, CO_2R^8 , $\text{CONR}^9\text{R}^{10}$, C_1 - C_8 alkyl- NR^8 - C_1 - C_8 alkyl, C_1 - C_8 alkyl- CONR^8 - C_1 - C_8 alkyl, C_1 - C_8 alkyl- $\text{CONR}^9\text{R}^{10}$, NR^8COC_1 - C_8 alkyl, C_1 - C_8 thioalkyl, C_1 - C_8 alkyl (itself optionally substituted by one or more hydroxy, azido or cyano groups or fluorine atoms), C_1 - C_8 alkyl- $\text{NR}^{11}\text{R}^{12}$, C_1 - C_8 alkyl- OR^{12} , C_1 - C_8 alkyl- SR^{12} .
9. A compound according to claim 3 or 8 wherein Ar is phenyl substituted by at least one substituent selected from azido substituted C_1 - C_8 alkyl, C_1 - C_8 alkyl- $\text{NR}^{11}\text{R}^{12a}$, C_1 - C_8 alkyl- OR^{12a} , C_1 - C_8 alkyl- SR^{12a} , wherein R^{12a} is selected from $-(\text{CR}^{13}_2)_n\text{R}^{14}$, $-\text{CO}-(\text{CR}^{13}_2)_n\text{R}^{14}$, $-\text{SO}_2-(\text{CR}^{13}_2)_n\text{R}^{14}$ provided that Ar is not phenyl substituted by one or more groups selected

from C₁-C₈ alkyl-NR¹¹ - C₁-C₈ alkyl, C₁-C₈ alkyl-O-C₁-C₈ alkyl or C₁-C₆ alkanoyloxy C₁-C₆ alkyl.

10. A compound according to claim 9 wherein Ar is phenyl substituted by one or more -
 5 CH₂NR¹¹R¹² groups.

11. A compound according to claim 10 wherein R¹¹ and R¹² together with the nitrogen atom to which they are attached form a 4- to 10-membered saturated or unsaturated heterocyclic ring system optionally containing one or more additional heteroatoms selected
 10 from oxygen, sulphur or nitrogen, the ring itself being optionally substituted by one or more hydroxy, hydroxy(C₁-C₈)alkyl, C₁-C₈ alkyl (which may itself optionally be substituted by a 4- to 7-membered saturated or unsaturated heterocyclic ring system optionally containing a further oxygen, sulphur or nitrogen atom, the ring being optionally substituted by one or more hydroxy, hydroxy(C₁-C₈)alkyl, C₁-C₈ alkyl, nitro, -CONH₂ groups), nitro,
 15 cyano, -CONH₂, amino, =O or -COOH groups or by a saturated monocyclic 4- to 7-membered ring, which ring may optionally comprise one or more heteroatoms selected from nitrogen, oxygen and sulphur and which may be optionally substituted by one or more substituents selected from C₁-C₈ alkyl, C₁-C₈ alkoxy or (C₁-C₈ alkoxy)-CO-.

20 12. A compound according to any of claims 1 to 11 wherein R¹ and R² independently represent C₁-C₈ alkoxy, Y(CR³₂)_pNR⁴R⁵, Y(CR³₂)_pCONR⁴R⁵, Y(CR³₂)_pCO₂R⁶, Y(CR³₂)_pOR⁶, Y(CR³₂)_pOCOR⁶, Y(CR³₂)_pR⁶.

13. A compound according to claim 12 wherein R¹ and R² are both C₁-C₈ alkoxy, or one
 25 of R¹ and R² is C₁-C₈ alkoxy and the other is Y(CR³₂)_pNR⁴R⁵, Y(CR³₂)_pOR⁶ or Y(CR³₂)_pR⁶.

14. A compound according to claim 1 which is
 6,7-diethoxy-4-{[2-ethyl-3-(1H-imidazol-1-yl)methyl]phenyl}amino}quinoline-3-
 30 carboxamide

- 6,7-diethoxy-4-{[2-methyl-3-(1H-1,2,4-triazol-1-ylmethyl)phenyl]amino}quinoline-3-carboxamide
- 6,7-diethoxy-4-{[2-ethyl-3-(morpholin-4-ylmethyl)phenyl]amino}quinoline-3-carboxamide
- 6,7-diethoxy-4-{[3-(1H-imidazol-1-ylmethyl)-2-methylphenyl]amino}quinoline-3-carboxamide
- 5 4-{[3-(azidomethyl)-2-methylphenyl]amino}-6,7-diethoxyquinoline-3-carboxamide
- 6,7-diethoxy-4-{[2-methyl-3-(4H-1,2,4-triazol-4-ylmethyl)phenyl]amino}quinoline-3-carboxamide
- 4-{[3-({[4-(aminosulfonyl)benzyl]amino}methyl)-2-ethylphenyl]amino}-6,7-dimethoxyquinoline-3-carboxamide
- 10 4-({[2-ethyl-3-[(1H-1,2,4-triazol-5-ylamino)methyl]phenyl]amino)-6,7-dimethoxyquinoline-3-carboxamide
- 4-{[2-ethyl-3-(1H-imidazol-1-ylmethyl)phenyl]amino}-6,7-dimethoxyquinoline-3-carboxamide
- 15 6,7-diethoxy-4-({[2-ethyl-3-[(pyrimidin-2-ylamino)methyl]phenyl]amino)quinoline-3-carboxamide
- 6,7-diethoxy-4-[(2-ethyl-3-{{(2-hydroxycyclohexyl)amino}methyl}phenyl)amino]quinoline-3-carboxamide
- 6,7-diethoxy-4-[(2-ethyl-3-{{(3-thienylmethyl)amino}methyl}phenyl)amino]quinoline-3-carboxamide
- 20 6,7-diethoxy-4-({[2-ethyl-3-[(1H-imidazol-2-ylthio)methyl]phenyl]amino)quinoline-3-carboxamide
- 6,7-diethoxy-4-{[2-ethyl-3-(thiomorpholin-4-ylmethyl)phenyl]amino}quinoline-3-carboxamide
- 25 6,7-diethoxy-4-[(2-ethyl-3-{{(3-thienylmethyl)amino}methyl}phenyl)amino]quinoline-3-carboxamide
- 4-({[2-ethyl-3-[(4-nitro-1H-imidazol-1-yl)methyl]phenyl]amino)-6,7-dimethoxyquinoline-3-carboxamide
- 4-[(2-ethyl-3-{{[4-(hydroxymethyl)-1H-imidazol-1-yl]methyl}phenyl)amino]-6,7-dimethoxyquinoline-3-carboxamide
- 30

- 4-({2-ethyl-3-[(2-methyl-1H-imidazol-1-yl)methyl]phenyl}amino)-6,7-dimethoxyquinoline-3-carboxamide
- 1-3-{[3-(aminocarbonyl)-6,7-dimethoxyquinolin-4-yl]amino}-2-ethylbenzyl)-1H-imidazole-4-carboxylic acid
- 5 4-({3-[(cyclopentylamino)methyl]-2-ethylphenyl}amino)-6,7-dimethoxyquinoline-3-carboxamide
- 4-({2-ethyl-3-({[2-(1H-imidazol-4-yl)ethyl]amino}methyl)phenyl}amino)-6,7-dimethoxyquinoline-3-carboxamide
- 4-[(2-ethyl-3-{{(2-hydroxy-1,1-dimethylethyl)amino}methyl}phenyl)amino]-6,7-dimethoxyquinoline-3-carboxamide
- 10 4-({2-ethyl-3-[(1,3-thiazol-2-ylamino)methyl]phenyl}amino)-6,7-dimethoxyquinoline-3-carboxamide
- 4-[(2-ethyl-3-{{(2-hydroxypropyl)amino}methyl}phenyl)amino]-6,7-dimethoxyquinoline-3-carboxamide
- 15 4-[(2-ethyl-3-{{(2-hydroxy-2-phenylethyl)amino}methyl}phenyl)amino]-6,7-dimethoxyquinoline-3-carboxamide bis(trifluoroacetate)
- 4-({2-ethyl-3-({[4-(methylsulfonyl)benzyl]amino}methyl)phenyl}amino)-6,7-dimethoxyquinoline-3-carboxamide
- 4-({3-[(benzylamino)methyl]-2-ethylphenyl}amino)-6,7-dimethoxyquinoline-3-carboxamide
- 20 4-({2-ethyl-3-[(3-methyl-2,5-dioxoimidazolidin-1-yl)methyl]phenyl}amino)-6,7-dimethoxyquinoline-3-carboxamide
- 4-({2-ethyl-3-[(1H-tetrazol-5-ylamino)methyl]phenyl}amino)-6,7-dimethoxyquinoline-3-carboxamide
- 25 4-({3-[(5-amino-1H-tetrazol-1-yl)methyl]-2-ethylphenyl}amino)-6,7-dimethoxyquinoline-3-carboxamide
- 4-({2-ethyl-3-({[2-(2-oxoimidazolidin-1-yl)ethyl]amino}methyl)phenyl}amino)-6,7-dimethoxyquinoline-3-carboxamide
- 4-({2-ethyl-3-{{(2S)-2-hydroxycyclohexyl}amino}methyl)phenyl}amino)-6,7-dimethoxyquinoline-3-carboxamide
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- 4-({2-ethyl-3-[(piperidin-4-ylamino)methyl]phenyl}amino)-6,7-dimethoxyquinoline-3-carboxamide
- 4-{{2-ethyl-3-({[(1R)-1-(hydroxymethyl)-3-methylbutyl]amino}methyl)phenyl}amino}-6,7-dimethoxyquinoline-3-carboxamide
- 5 6,7-diethoxy-4-[(2-ethyl-3-{[4-(3-methoxyphenyl)piperazin-1-yl]methyl}phenyl)amino]quinoline-3-carboxamide
- 6,7-diethoxy-4-[(2-ethyl-3-{[4-(hydroxymethyl)piperidin-1-yl]methyl}phenyl)amino]quinoline-3-carboxamide
- 6,7-diethoxy-4-[(2-ethyl-3-{[2-(hydroxymethyl)piperidin-1-yl]methyl}phenyl)amino]quinoline-3-carboxamide
- 10 4-{{[3-(1,4'-bipiperidin-1'-ylmethyl)-2-ethylphenyl]amino}-6,7-diethoxyquinoline-3-carboxamide
- 4-[(3-{[4-(aminocarbonyl)piperidin-1-yl]methyl}-2-ethylphenyl)amino]-6,7-diethoxyquinoline-3-carboxamide
- 15 4-[(3-{[4-(2-cyanophenyl)piperazin-1-yl]methyl}-2-ethylphenyl)amino]-6,7-diethoxyquinoline-3-carboxamide
- 4-[(3-{[4-(5-cyanopyridin-2-yl)piperazin-1-yl]methyl}-2-ethylphenyl)amino]-6,7-diethoxyquinoline-3-carboxamide
- 6,7-diethoxy-4-[(2-ethyl-3-{{[3-furylmethyl]amino}methyl}phenyl)amino]quinoline-3-carboxamide
- 20 6,7-diethoxy-4-[(2-ethyl-3-{[4-(2-hydroxyethyl)piperazin-1-yl]methyl}phenyl)amino]quinoline-3-carboxamide
- 6,7-diethoxy-4-({2-ethyl-3-[(4-hydroxypiperidin-1-yl)methyl]phenyl}amino)quinoline-3-carboxamide
- 25 4-{{[3-({[2-(1,3-benzodioxol-5-yl)ethyl]amino}methyl)-2-ethylphenyl]amino}-6,7-diethoxyquinoline-3-carboxamide
- 6,7-diethoxy-4-{{2-ethyl-3-({[2-(2-thienyl)ethyl]amino}methyl)phenyl}amino}quinoline-3-carboxamide
- 4-{{[3-({[(2,5-dimethyl-3-furyl)methyl]amino}methyl)-2-ethylphenyl]amino}-6,7-diethoxyquinoline-3-carboxamide
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- 6,7-diethoxy-4-{{2-ethyl-3-{{3-(2-oxopyrrolidin-1-yl)propyl}amino}methyl}phenyl}amino}quinoline-3-carboxamide
- 4-{{3-{{2-(3-chlorophenyl)ethyl}amino}methyl)-2-ethylphenyl}amino}-6,7-diethoxyquinoline-3-carboxamide
- 5 4-{{3-{{2-(4-chlorophenyl)ethyl}amino}methyl)-2-ethylphenyl}amino}-6,7-diethoxyquinoline-3-carboxamide
- 4-{{3-{{2-(2-chlorophenyl)ethyl}amino}methyl)-2-ethylphenyl}amino}-6,7-diethoxyquinoline-3-carboxamide
- 6,7-diethoxy-4-{{2-ethyl-3-{{(2-hydroxy-2-phenylethyl)amino}methyl}phenyl}amino}quinoline-3-carboxamide
- 10 4-{{3-{{(cyclopentylamino)methyl}-2-ethylphenyl}amino)-6,7-diethoxyquinoline-3-carboxamide
- 6,7-diethoxy-4-{{2-ethyl-3-{{2-(1H-imidazol-4-yl)ethyl}amino}methyl}phenyl}amino}quinoline-3-carboxamide
- 15 6,7-diethoxy-4-{{2-ethyl-3-{{4-(2-morpholin-4-ylethyl)piperazin-1-yl}methyl}phenyl}amino}quinoline-3-carboxamide
- 4-{{3-{{2-(2,2-dimethyl-1,3-dioxolan-4-yl)methyl}amino}methyl)-2-ethylphenyl}amino}-6,7-diethoxyquinoline-3-carboxamide
- 6,7-diethoxy-4-{{2-ethyl-3-{{(1,3-thiazol-2-ylamino)methyl}phenyl}amino}quinoline-3-carboxamide
- 20 6,7-diethoxy-4-{{2-ethyl-3-{{1,3-thiazolidin-3-ylmethyl}phenyl}amino}quinoline-3-carboxamide
- 6,7-diethoxy-4-{{2-ethyl-3-{{(2-pyridin-2-ylethyl)amino}methyl}phenyl}amino}quinoline-3-carboxamide
- 25 6,7-diethoxy-4-{{2-ethyl-3-{{(1H-1,2,4-triazol-3-ylamino)methyl}phenyl}amino}quinoline-3-carboxamide
- 6,7-diethoxy-4-{{2-ethyl-3-{{4-(2-thienyl)benzyl}amino}methyl}phenyl}amino}quinoline-3-carboxamide
- 4-{{3-{{4-(aminosulfonyl)benzyl}amino}methyl)-2-ethylphenyl}amino}-6,7-diethoxyquinoline-3-carboxamide
- 30

- 6,7-diethoxy-4-{[2-ethyl-3-({[2-(1H-indol-3-yl)ethyl]amino}methyl)phenyl]amino}quinoline-3-carboxamide
- 6,7-diethoxy-4-{[2-ethyl-3-({[3-(4-methylpiperazin-1-yl)propyl]amino}methyl)phenyl]amino}quinoline-3-carboxamide
- 5 6,7-diethoxy-4-[(2-ethyl-3-{{(1-ethylpiperidin-3-yl)amino}methyl}phenyl)amino]quinoline-3-carboxamide
- 6,7-diethoxy-4-[(2-ethyl-3-{{[4-(pyridin-4-ylmethyl)piperazin-1-yl]methyl}phenyl)amino]quinoline-3-carboxamide
- 6,7-diethoxy-4-[(2-ethyl-3-{{(pyridin-4-ylmethyl)amino}methyl}phenyl)amino]quinoline-3-
- 10 carboxamide
- 6,7-diethoxy-4-[(2-ethyl-3-{{(pyridin-3-ylmethyl)amino}methyl}phenyl)amino]quinoline-3-carboxamide
- 4-({3-[(benzylamino)methyl]-2-ethylphenyl}amino)-6,7-diethoxyquinoline-3-carboxamide
- 6,7-diethoxy-4-[(2-ethyl-3-{{(2-furylmethyl)amino}methyl}phenyl)amino]quinoline-3-
- 15 carboxamide
- 6,7-diethoxy-4-[(2-ethyl-3-{{(2-methoxyethyl)amino}methyl}phenyl)amino]quinoline-3-carboxamide
- 6,7-diethoxy-4-[(2-ethyl-3-{{(2-hydroxypropyl)amino}methyl}phenyl)amino]quinoline-3-carboxamide
- 20 6,7-diethoxy-4-{[2-ethyl-3-({[4-(1H-pyrazol-1-yl)benzyl]amino}methyl)phenyl]amino}quinoline-3-carboxamide
- 4-({3-({[2-[4-(aminosulfonyl)phenyl]ethyl}amino)methyl]-2-ethylphenyl}amino)-6,7-diethoxyquinoline-3-carboxamide
- 6,7-diethoxy-4-{[2-ethyl-3-({[2-(1-methylpyrrolidin-2-
- 25 yl)ethyl]amino}methyl)phenyl]amino}quinoline-3-carboxamide
- 4-[(3-{{[4-chlorobenzyl]amino}methyl}-2-ethylphenyl)amino]-6,7-diethoxyquinoline-3-carboxamide
- 4-[(3-{{[1-benzylpiperidin-4-yl]amino}methyl}-2-ethylphenyl)amino]-6,7-diethoxyquinoline-3-carboxamide

- 6,7-diethoxy-4-[(2-ethyl-3-[(3-methoxybenzyl)amino]methyl)phenyl]amino]quinoline-3-carboxamide
- 6,7-diethoxy-4-[(2-ethyl-3-[(4-methoxybenzyl)amino]methyl)phenyl]amino]quinoline-3-carboxamide
- 5 6,7-diethoxy-4-{[2-ethyl-3-([3-(1H-imidazol-1-yl)propyl]amino)methyl]phenyl]amino}quinoline-3-carboxamide
- 6,7-diethoxy-4-{[2-ethyl-3-([(1R,2S)-2-hydroxy-2,3-dihydro-1H-inden-1-yl]amino)methyl]phenyl]amino}quinoline-3-carboxamide bis(trifluoroacetate) (salt)
- 6,7-diethoxy-4-{[2-ethyl-3-([2-hydroxy-1-(1H-indol-2-ylmethyl)ethyl]amino)methyl]phenyl]amino}quinoline-3-carboxamide bis(trifluoroacetate) (salt)
- 10 6,7-diethoxy-4-{[2-ethyl-3-([(1R)-2-hydroxy-1-phenylethyl]amino)methyl]phenyl]amino}quinoline-3-carboxamide bis(trifluoroacetate) (salt)
- 15 6,7-Diethoxy-4-{2-ethyl-3-[(2-hydroxy-1-methylcarbamoyl-propylamino)-methyl]-phenylamino}-quinoline-3-carboxylic acid amide
- 6,7-diethoxy-4-{[2-ethyl-3-([(1R,2S)-2-hydroxy-1-(hydroxymethyl)propyl]amino)methyl]phenyl]amino}quinoline-3-carboxamide
- 6,7-diethoxy-4-{[2-ethyl-3-([(1R,2R)-2-hydroxy-1-(hydroxymethyl)propyl]amino)methyl]phenyl]amino}quinoline-3-carboxamide
- 20 methyl N-(3-{[3-(aminocarbonyl)-6,7-diethoxyquinolin-4-yl]amino}-2-ethylbenzyl)serinate bis(trifluoroacetate)
- 6,7-diethoxy-4-{[2-ethyl-3-([2-hydroxy-1-(hydroxymethyl)ethyl]amino)methyl]phenyl]amino}quinoline-3-carboxamide
- 25 6,7-diethoxy-4-{[2-ethyl-3-([1-(hydroxymethyl)-3-methylbutyl]amino)methyl]phenyl]amino}quinoline-3-carboxamide
- 6,7-diethoxy-4-[(2-ethyl-3-[(2-pyrrolidin-1-ylethyl)amino]methyl)phenyl]amino]quinoline-3-carboxamide
- 6,7-diethoxy-4-{[2-ethyl-3-([(1S,2R)-2-hydroxy-1-(hydroxymethyl)propyl]amino)methyl]phenyl]amino}quinoline-3-carboxamide
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- 6,7-diethoxy-4-{[2-ethyl-3-({[(1S)-1-(hydroxymethyl)-3-methylbutyl]amino}methyl)phenyl]amino}quinoline-3-carboxamide
- 6,7-diethoxy-4-{[2-ethyl-3-({[1-(hydroxymethyl)butyl]amino}methyl)phenyl]amino}quinoline-3-carboxamide
- 5 4-{3-[(1-Carbamoyl-2-hydroxy-propylamino)-methyl]-2-ethyl-phenylamino}-6,7-diethoxyquinoline-3-carboxylic acid amide
- 6,7-diethoxy-4-[(2-ethyl-3-({[(1R,2R)-2-hydroxy-1-methyl-2-phenylethyl](methyl)amino}methyl)phenyl)amino]quinoline-3-carboxamide
- 6,7-diethoxy-4-[(2-ethyl-3-({(2-hydroxy-1-methyl-2-phenylethyl)amino}methyl)phenyl)amino]quinoline-3-carboxamide
- 10 4-{[3-({(2-(3,4-dihydroxyphenyl)-2-hydroxyethyl)amino}methyl)-2-ethylphenyl]amino}-6,7-diethoxyquinoline-3-carboxamide
- 6,7-diethoxy-4-[(2-ethyl-3-({(2-hydroxypropyl)amino}methyl)phenyl)amino]quinoline-3-carboxamide
- 15 6,7-diethoxy-4-[(2-ethyl-3-({(2-hydroxy-1-methylethyl)amino}methyl)phenyl)amino]quinoline-3-carboxamide
- 6,7-diethoxy-4-[(2-ethyl-3-({(2-hydroxyethyl)amino}methyl)phenyl)amino]quinoline-3-carboxamide
- 4-[(3-({(2,3-dihydroxypropyl)amino}methyl)-2-ethylphenyl)amino]-6,7-diethoxyquinoline-
- 20 3-carboxamide
- 6,7-diethoxy-4-{[2-ethyl-3-({[2-(hydroxymethyl)phenyl]amino}methyl)phenyl]amino}quinoline-3-carboxamide
- 4-{[3-({[(1S)-1-benzyl-2-hydroxyethyl]amino}methyl)-2-ethylphenyl]amino}-6,7-diethoxyquinoline-3-carboxamide bis(trifluoroacetate)
- 25 4-{[3-({[2-(dimethylamino)ethyl]amino}methyl)-2-ethylphenyl]amino}-6,7-diethoxyquinoline-3-carboxamide
- 6,7-diethoxy-4-{[2-ethyl-3-({[4-(methylsulfonyl)phenyl]amino}methyl)phenyl]amino}quinoline-3-carboxamide
- 6,7-diethoxy-4-{[2-ethyl-3-({[(1S)-2-hydroxy-1-phenylethyl]amino}methyl)phenyl]amino}quinoline-3-carboxamide
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- 6,7-diethoxy-4-[(2-ethyl-3-[(2R)-2-(hydroxymethyl)pyrrolidin-1-yl)methyl]phenyl)amino]quinoline-3-carboxamide
- 6,7-diethoxy-4-{[2-ethyl-3-([(1S,2S)-2-hydroxy-1-(hydroxymethyl)-2-phenylethyl]amino)methyl]phenyl}amino}quinoline-3-carboxamide
- 5 6,7-diethoxy-4-[(2-ethyl-3-[(2-morpholin-4-ylethyl)amino]methyl]phenyl)amino]quinoline-3-carboxamide
- 6,7-diethoxy-4-{[2-ethyl-3-([(1R,2S)-2-hydroxy-2-(4-hydroxyphenyl)-1-methylethyl]amino)methyl]phenyl}amino}quinoline-3-carboxamide
- 6,7-diethoxy-4-{[2-ethyl-3-([(1R,2R)-2-hydroxy-1-(hydroxymethyl)-2-phenylethyl]amino)methyl]phenyl}amino}quinoline-3-carboxamide
- 10 6,7-Diethoxy-4-{2-ethyl-3-[(2-hydroxy-1-hydroxymethyl-2-phenyl-ethylamino)-methyl]-phenylamino}-quinoline-3-carboxylic acid amide
- 4-[(3-[(2-cyanoethyl)amino]methyl)-2-ethylphenyl]amino]-6,7-diethoxyquinoline-3-carboxamide
- 15 6,7-diethoxy-4-{[2-ethyl-3-([1-(hydroxymethyl)-2-methylpropyl]amino)methyl]phenyl}amino}quinoline-3-carboxamide
- 6,7-diethoxy-4-{[2-ethyl-3-([4-(methylsulfonyl)benzyl]amino)methyl]phenyl}amino}quinoline-3-carboxamide
- tert-butyl (3-{[3-(aminocarbonyl)-6,7-diethoxyquinolin-4-yl]amino}-2-ethylbenzyl)carbamate
- 20 4-{[3-(aminomethyl)-2-ethylphenyl]amino}-6,7-diethoxyquinoline-3-carboxamide
- 4-{[3-(aminomethyl)-2-methylphenyl]amino}-6,7-diethoxyquinoline-3-carboxamide
- 6,7-diethoxy-4-([2-ethyl-3-[(L-tyrosylamino)methyl]phenyl]amino)quinoline-3-carboxamide
- 25 6,7-diethoxy-4-{[3-([(ethylamino)carbonyl]amino)methyl]-2-methylphenyl]amino}quinoline-3-carboxamide
- 4-([3-[(acetylamino)methyl]-2-methylphenyl]amino)-6,7-diethoxyquinoline-3-carboxamide
- 6,7-diethoxy-4-([2-methyl-3-([(4-methyl-2,5-dioxoimidazolidin-4-yl)methyl]sulfonyl)amino)methyl]phenyl]amino)quinoline-3-carboxamide
- 30 4-([3-[(acetylamino)methyl]-2-ethylphenyl]amino)-6,7-dimethoxyquinoline-3-carboxamide

- 4-{{2-ethyl-3-({[(ethylamino)carbonyl]amino}methyl)phenyl}amino}-6,7-dimethoxyquinoline-3-carboxamide
- 4-[(2-ethyl-3-{{(methylsulfonyl)amino}methyl}phenyl)amino]-6,7-dimethoxyquinoline-3-carboxamide
- 5 4-({2-ethyl-3-[(L-valylamino)methyl]phenyl}amino)-6,7-dimethoxyquinoline-3-carboxamide
- 4-[(3-{{(3-cyclohexyl-L-alanyl)amino}methyl}-2-ethylphenyl)amino]-6,7-dimethoxyquinoline-3-carboxamide
- 6,7-diethoxy-4-({2-ethyl-3-[(L-methionylamino)methyl]phenyl}amino)quinoline-3-
- 10 carboxamide
- 6,7-diethoxy-4-({2-ethyl-3-[(L-prolylamino)methyl]phenyl}amino)quinoline-3-carboxamide
- 6,7-diethoxy-4-({2-ethyl-3-[(L-threonylamino)methyl]phenyl}amino)quinoline-3-carboxamide
- 15 N~1~-((3-{{3-(aminocarbonyl)-6,7-diethoxyquinolin-4-yl}amino}-2-ethylbenzyl)-L-alpha-glutamine
- 6,7-diethoxy-4-({2-ethyl-3-[(L-valylamino)methyl]phenyl}amino)quinoline-3-carboxamide
- 4-({3-[(L-arginylamino)methyl]-2-ethylphenyl}amino)-6,7-diethoxyquinoline-3-carboxamide
- 20 4-({3-[(L-alanylamino)methyl]-2-ethylphenyl}amino)-6,7-diethoxyquinoline-3-carboxamide
- 6,7-diethoxy-4-({2-ethyl-3-[(D-serylamino)methyl]phenyl}amino)quinoline-3-carboxamide
- 4-[(3-{{(3-cyclohexyl-L-alanyl)amino}methyl}-2-ethylphenyl)amino]-6,7-diethoxyquinoline-3-carboxamide
- 25 6,7-diethoxy-4-{{2-ethyl-3-({[(4S)-1,3-thiazolidin-4-ylcarbonyl]amino}methyl)phenyl}amino}quinoline-3-carboxamide
- 6,7-diethoxy-4-{{2-ethyl-3-({[(4R)-4-hydroxy-L-prolyl]amino}methyl)phenyl}amino}quinoline-3-carboxamide
- 6,7-diethoxy-4-({2-ethyl-3-[(D-leucylamino)methyl]phenyl}amino)quinoline-3-
- 30 carboxamide

- N~1~-(3-{[3-(aminocarbonyl)-6,7-diethoxyquinolin-4-yl]amino}-2-ethylbenzyl)-L-aspartamide
- 6,7-diethoxy-4-{[2-ethyl-3-({[(2S)-piperidin-2-ylcarbonyl]amino}methyl)phenyl]amino}quinoline-3-carboxamide
- 5 4-{[3-({[(3-cyclohexyl-D-alanyl)amino]methyl}-2-ethylphenyl)amino]-6,7-diethoxyquinoline-3-carboxamide
- 6,7-diethoxy-4-{[2-ethyl-3-({[(2R)-piperidin-2-ylcarbonyl]amino}methyl)phenyl]amino}quinoline-3-carboxamide
- 4-{[3-({[(2S)-2-aminopent-4-enoyl]amino}methyl)-2-ethylphenyl]amino}-6,7-diethoxyquinoline-3-carboxamide
- 10 4-{[3-({[(2S)-azetidin-2-ylcarbonyl]amino}methyl)-2-ethylphenyl]amino}-6,7-diethoxyquinoline-3-carboxamide
- 6,7-diethoxy-4-{[2-ethyl-3-({[(5-methyl-L-norleucyl)amino]methyl}phenyl)amino]quinoline-3-carboxamide
- 15 6,7-diethoxy-4-{[2-ethyl-3-({[(4R)-1,3-thiazolidin-4-ylcarbonyl]amino}methyl)phenyl]amino}quinoline-3-carboxamide
- 6,7-diethoxy-4-{[2-ethyl-3-({[(4-nitro-D-phenylalanyl)amino]methyl}phenyl)amino]quinoline-3-carboxamide
- 4-{[3-({[(1-amino-2,3-dihydro-1H-inden-1-yl)carbonyl]amino}methyl)-2-ethylphenyl]amino}-6,7-diethoxyquinoline-3-carboxamide
- 20 4-{[3-({[(1-aminocyclohexyl)carbonyl]amino}methyl)-2-ethylphenyl]amino}-6,7-diethoxyquinoline-3-carboxamide
- 6,7-diethoxy-4-{[2-ethyl-3-({[(3R)-1,2,3,4-tetrahydroisoquinolin-3-ylcarbonyl]amino}methyl)phenyl]amino}quinoline-3-carboxamide
- 25 4-{[3-({[(2R)-2-amino-4-phenylbutanoyl]amino}methyl)-2-ethylphenyl]amino}-6,7-diethoxyquinoline-3-carboxamide
- 6,7-diethoxy-4-{[2-ethyl-3-({[(3S)-1,2,3,4-tetrahydroisoquinolin-3-ylcarbonyl]amino}methyl)phenyl]amino}quinoline-3-carboxamide
- 6,7-diethoxy-4-{[2-ethyl-3-({[(4-piperidin-4-yl-L-prolyl)amino]methyl}phenyl)amino]quinoline-3-carboxamide
- 30

- 4-[(3-{[(3-amino-L-alanyl)amino]methyl}-2-ethylphenyl)amino]-6,7-diethoxyquinoline-3-carboxamide
- 6,7-diethoxy-4-({2-ethyl-3-[(D-phenylalanyl)amino]methyl}phenyl)amino)quinoline-3-carboxamide
- 5 4-{[3-({[(2S)-2-amino-4-phenylbutanoyl]amino}methyl)-2-ethylphenyl]amino}-6,7-diethoxyquinoline-3-carboxamide
- 6,7-diethoxy-4-{[2-ethyl-3-({[(3S)-piperidin-3-ylcarbonyl]amino}methyl)phenyl]amino}quinoline-3-carboxamide
- 6,7-diethoxy-4-{[2-ethyl-3-({[(3R)-piperidin-3-ylcarbonyl]amino}methyl)phenyl]amino}quinoline-3-carboxamide
- 10 4-{[3-({[(2S)-2-amino-2-phenylacetyl]amino}methyl)-2-ethylphenyl]amino}-6,7-diethoxyquinoline-3-carboxamide
- 6,7-diethoxy-4-({2-ethyl-3-[(L-leucyl)amino]methyl}phenyl)amino)quinoline-3-carboxamide
- 15 6,7-diethoxy-4-({2-ethyl-3-[(D-prolyl)amino]methyl}phenyl)amino)quinoline-3-carboxamide
- 4-{[3-({[(2S)-2,5-dihydro-1H-pyrrol-2-ylcarbonyl]amino}methyl)-2-ethylphenyl]amino}-6,7-diethoxyquinoline-3-carboxamide
- 6,7-diethoxy-4-({2-ethyl-3-[(glycyl)amino]methyl}phenyl)amino)quinoline-3-carboxamide
- 20 4-{[3-({[2-amino-4-(methylsulfinyl)butanoyl]amino}methyl)-2-ethylphenyl]amino}-6,7-diethoxyquinoline-3-carboxamide
- 6,7-diethoxy-4-{[2-ethyl-3-({[3-(2-furyl)-L-alanyl]amino}methyl)phenyl]amino}quinoline-3-carboxamide
- 6,7-diethoxy-4-[(2-ethyl-3-({[(3-pyridin-2-yl)-L-alanyl]amino]methyl}phenyl)amino]quinoline-3-carboxamide
- 25 6,7-diethoxy-4-{[2-ethyl-3-({[3-(2-thienyl)-L-alanyl]amino}methyl)phenyl]amino}quinoline-3-carboxamide
- 6,7-diethoxy-4-{[2-ethyl-3-({[3-(1,3-thiazol-4-yl)-L-alanyl]amino}methyl)phenyl]amino}quinoline-3-carboxamide

- 4-{[3-({[(2S)-2-amino-2-cyclopentylacetyl]amino}methyl)-2-ethylphenyl]amino}-6,7-diethoxyquinoline-3-carboxamide
- 4-{[3-({[(2S)-2-aminopent-4-ynoyl]amino}methyl)-2-ethylphenyl]amino}-6,7-diethoxyquinoline-3-carboxamide
- 5 6,7-diethoxy-4-({2-ethyl-3-[(L-norvalylamino)methyl]phenyl}amino)quinoline-3-carboxamide
- 4-{[3-({[(2R)-2-amino-2-phenylacetyl]amino}methyl)-2-ethylphenyl]amino}-6,7-diethoxyquinoline-3-carboxamide
- 6,7-diethoxy-4-{[2-ethyl-3-({[(4R)-4-hydroxy-D-prolyl]amino}methyl)phenyl]amino}quinoline-3-carboxamide
- 10 4-({3-[(beta-alanyl)amino]methyl)-2-ethylphenyl}amino)-6,7-diethoxyquinoline-3-carboxamide
- 6,7-diethoxy-4-[(2-ethyl-3-({[(3-pyridin-3-yl-L-alanyl)amino]methyl}phenyl)amino)quinoline-3-carboxamide
- 15 6,7-diethoxy-4-[(2-ethyl-3-({[(3-pyridin-3-yl-D-alanyl)amino]methyl}phenyl)amino)quinoline-3-carboxamide
- 4-{[3-({[N~5~-(aminocarbonyl)-L-ornithyl]amino}methyl)-2-ethylphenyl]amino}-6,7-diethoxyquinoline-3-carboxamide
- 6,7-diethoxy-4-[(2-ethyl-3-({[(5-methyl-D-norleucyl)amino]methyl}phenyl)amino)quinoline-3-carboxamide
- 20 4-[(3-({[(2,3-dihydro-1H-isoindol-1-ylcarbonyl)amino]methyl}-2-ethylphenyl)amino)-6,7-diethoxyquinoline-3-carboxamide
- 6,7-diethoxy-4-({2-ethyl-3-[(L-isoleucylamino)methyl]phenyl}amino)quinoline-3-carboxamide
- 25 6,7-diethoxy-4-({2-ethyl-3-[(D-valylamino)methyl]phenyl}amino)quinoline-3-carboxamide
- 4-{[3-({[(1-aminocyclopentyl)carbonyl]amino}methyl)-2-ethylphenyl]amino}-6,7-diethoxyquinoline-3-carboxamide
- 4-{[2-ethyl-3-(hydroxymethyl)phenyl]amino}-7-{3-[isobutyryl(isopropyl)amino]propoxy}-6-methoxyquinoline-3-carboxamide

- 7-{3-[acetyl(isopropyl)amino]propoxy}-4-{[2-ethyl-3-(hydroxymethyl)phenyl]amino}-6-methoxyquinoline-3-carboxamide
- 6-[2-(acetyl amino)ethoxy]-4-[(2-ethylphenyl)amino]-7-methoxyquinoline-3-carboxamide
- 6-{2-[acetyl(methyl)amino]ethoxy}-4-[(2-ethylphenyl)amino]-7-methoxyquinoline-3-
- 5 carboxamide
- 6-{2-[acetyl(isopropyl)amino]ethoxy}-4-[(2-ethylphenyl)amino]-7-methoxyquinoline-3-carboxamide
- 4-[(2-ethylphenyl)amino]-6-{2-[isobutyryl(methyl)amino]ethoxy}-7-methoxyquinoline-3-carboxamide
- 10 4-[(2-ethylphenyl)amino]-6-{2-[isobutyryl(isopropyl)amino]ethoxy}-7-methoxyquinoline-3-carboxamide
- 7-{3-[acetyl(methyl)amino]propoxy}-4-{[2-ethyl-3-(hydroxymethyl)phenyl]amino}-6-methoxyquinoline-3-carboxamide
- 4-{[2-ethyl-3-(hydroxymethyl)phenyl]amino}-7-{3-[isobutyryl(methyl)amino]propoxy}-6-
- 15 methoxyquinoline-3-carboxamide
- 7-{3-[acetyl(cyclopropyl)amino]propoxy}-4-{[2-ethyl-3-(hydroxymethyl)phenyl]amino}-6-methoxyquinoline-3-carboxamide
- 7-{3-[cyclopropyl(isobutyryl)amino]propoxy}-4-{[2-ethyl-3-(hydroxymethyl)phenyl]amino}-6-methoxyquinoline-3-carboxamide
- 20 7-[3-(acetyl amino)propoxy]-4-{[2-ethyl-3-(hydroxymethyl)phenyl]amino}-6-methoxyquinoline-3-carboxamide
- 4-{[2-ethyl-3-(hydroxymethyl)phenyl]amino}-7-[3-(isobutyryl amino)propoxy]-6-methoxyquinoline-3-carboxamide
- 6-{2-[(cyclopropylcarbonyl)(methyl)amino]ethoxy}-4-[(2-ethylphenyl)amino]-7-
- 25 methoxyquinoline-3-carboxamide
- 6-{2-[(cyclopropylcarbonyl)(isopropyl)amino]ethoxy}-4-[(2-ethylphenyl)amino]-7-methoxyquinoline-3-carboxamide
- 4-{[2-ethyl-3-(hydroxymethyl)phenyl]amino}-7-{3-[isopropyl(methylsulfonyl)amino]propoxy}-6-methoxyquinoline-3-carboxamide

- 4-{{2-ethyl-3-(hydroxymethyl)phenyl}amino}-6-methoxy-7-{{3-
[(methylsulfonyl)amino]propoxy}quinoline-3-carboxamide
tert-butyl {{3-[(3-(aminocarbonyl)-4-{{2-ethyl-3-(hydroxymethyl)phenyl}amino}-6-
methoxyquinolin-7-yl)oxy]propyl}isopropylcarbamate
- 5 4-{{2-ethyl-3-(hydroxymethyl)phenyl}amino}-7-(3-
{isopropyl[(isopropylamino)carbonyl]amino}propoxy)-6-methoxyquinoline-3-carboxamide
7-[3-(cyclopropylamino)propoxy]-4-{{2-ethyl-3-(hydroxymethyl)phenyl}amino}-6-
methoxyquinoline-3-carboxamide
6-[3-(cyclopropylamino)propoxy]-4-{{2-ethyl-3-(hydroxymethyl)phenyl}amino}-7-
10 methoxyquinoline-3-carboxamide
7-{{3-[(2-cyanoethyl)(methyl)amino]propoxy}-4-{{3-(hydroxymethyl)-2-
methylphenyl}amino}-6-methoxyquinoline-3-carboxamide bis(trifluoroacetate) (salt)
4-{{3-(hydroxymethyl)-2-methylphenyl}amino}-6-methoxy-7-[3-(2-methylpiperidin-1-
yl)propoxy]quinoline-3-carboxamide
- 15 7-{{3-[(2-cyanoethyl)(methyl)amino]propoxy}-4-{{3-(hydroxymethyl)-2-
methylphenyl}amino}-6-methoxyquinoline-3-carboxamide
4-{{3-(hydroxymethyl)-2-methylphenyl}amino}-7-[3-(3-hydroxypiperidin-1-yl)propoxy]-6-
methoxyquinoline-3-carboxamide
4-{{3-(hydroxymethyl)-2-methylphenyl}amino}-7-[3-(4-hydroxypiperidin-1-yl)propoxy]-6-
20 methoxyquinoline-3-carboxamide
6-methoxy-4-[(2-methylphenyl)amino]-7-[3-(2-methylpiperidin-1-yl)propoxy]quinoline-3-
carboxamide
7-[3-(3-hydroxypiperidin-1-yl)propoxy]-6-methoxy-4-[(2-methylphenyl)amino]quinoline-3-
carboxamide
- 25 7-[3-(4-hydroxypiperidin-1-yl)propoxy]-6-methoxy-4-[(2-methylphenyl)amino]quinoline-3-
carboxamide
4-{{3-(hydroxymethyl)-2-methylphenyl}amino}-7-[3-(3-hydroxypyrrolidin-1-yl)propoxy]-
6-methoxyquinoline-3-carboxamide
4-{{2-ethyl-3-(hydroxymethyl)phenyl}amino}-6-methoxy-7-[3-(1H-1,2,4-triazol-1-
30 yl)propoxy]quinoline-3-carboxamide

- 7-[2-(cyclopropylamino)ethoxy]-4-{[3-(hydroxymethyl)-2-methylphenyl]amino}-6-methoxyquinoline-3-carboxamide
- 6-[2-(cyclopropylamino)ethoxy]-4-{[3-(hydroxymethyl)-2-methylphenyl]amino}-7-methoxyquinoline-3-carboxamide
- 5 6-[2-(cyclopropylamino)ethoxy]-4-[(4-ethylphenyl)amino]-7-methoxyquinoline-3-carboxamide
- 6-[2-(cyclopropylamino)ethoxy]-4-[(3-ethylphenyl)amino]-7-methoxyquinoline-3-carboxamide
- 6-[2-(cyclopropylamino)ethoxy]-7-methoxy-4-[(2-methylphenyl)amino]quinoline-3-
- 10 carboxamide
- 6-{2-[(2-cyanoethyl)amino]ethoxy}-4-{[3-(hydroxymethyl)-2-methylphenyl]amino}-7-methoxyquinoline-3-carboxamide
- 6-[3-(cyclopropylamino)propoxy]-4-[(2-ethylphenyl)amino]-7-methoxyquinoline-3-carboxamide
- 15 6-{3-[(cyanomethyl)amino]propoxy}-4-[(2-ethylphenyl)amino]-7-methoxyquinoline-3-carboxamide
- 6-[3-(Carbamoylmethyl-amino)-propoxy]-4-(2-ethyl-phenylamino)-7-methoxy-quinoline-3-carboxylic acid amide
- methyl N-[3-({3-(aminocarbonyl)-4-[(2-ethylphenyl)amino]-7-methoxyquinolin-6-
- 20 yl}oxy)propyl]glycinate
- 7-(3-cyanopropoxy)-4-{[2-ethyl-3-(hydroxymethyl)phenyl]amino}-6-methoxyquinoline-3-carboxamide
- 2-[(3-(aminocarbonyl)-4-{[2-ethyl-3-(hydroxymethyl)phenyl]amino}-6-methoxyquinolin-7-yl)oxy]ethyl acetate
- 25 6-[2-(cyclopropylamino)ethoxy]-4-[(2-ethylphenyl)amino]-7-methoxyquinoline-3-carboxamide
- 7-[3-(2,5-dioxopyrrolidin-1-yl)propoxy]-4-{[2-ethyl-3-(hydroxymethyl)phenyl]amino}-6-methoxyquinoline-3-carboxamide
- 4-{[2-ethyl-3-(hydroxymethyl)phenyl]amino}-6-methoxy-7-[3-(3-methyl-2,5-
- 30 dioxoimidazolidin-1-yl)propoxy]quinoline-3-carboxamide

- 4-{[2-ethyl-3-(hydroxymethyl)phenyl]amino}-6-methoxy-7-[3-(3,4,4-trimethyl-2,5-dioximidazolidin-1-yl)propoxy]quinoline-3-carboxamide
- 7-(cyclopentyloxy)-4-{[2-ethyl-3-(hydroxymethyl)phenyl]amino}-6-methoxyquinoline-3-carboxamide
- 5 6-(cyclopentyloxy)-4-[(2-ethylphenyl)amino]-7-methoxyquinoline-3-carboxamide
- 1-{3-[(3-(aminocarbonyl)-4-{[3-(hydroxymethyl)-2-methylphenyl]amino}-6-methoxyquinolin-7-yl)oxy]propyl}-1-methylpyrrolidinium iodide
- tert-butyl 4-[(3-(aminocarbonyl)-4-{[2-ethyl-3-(hydroxymethyl)phenyl]amino}-6-methoxyquinolin-7-yl)oxy]piperidine-1-carboxylate
- 10 tert-butyl 4-({3-(aminocarbonyl)-4-[(2-ethylphenyl)amino]-7-methoxyquinolin-6-yl}oxy)piperidine-1-carboxylate
- 3-(aminocarbonyl)-4-[(2-ethylphenyl)amino]-7-methoxyquinolin-6-yl propane-2-sulfonate
- 4-{[2-ethyl-3-(hydroxymethyl)phenyl]amino}-6-methoxy-7-(piperidin-4-yloxy)quinoline-3-carboxamide
- 15 4-[(2-ethylphenyl)amino]-7-methoxy-6-(piperidin-4-yloxy)quinoline-3-carboxamide
- 6-[3-(cyclopropylamino)-2-hydroxypropoxy]-4-[(2-ethylphenyl)amino]-7-methoxyquinoline-3-carboxamide
- 6-{3-[(2-cyanoethyl)amino]-2-hydroxypropoxy}-4-[(2-ethylphenyl)amino]-7-methoxyquinoline-3-carboxamide
- 20 4-[(2-ethylphenyl)amino]-6-[2-hydroxy-3-(2-hydroxypyrrolidin-1-yl)propoxy]-7-methoxyquinoline-3-carboxamide
- 4-[(2-ethylphenyl)amino]-6-(2-hydroxy-3-piperazin-1-ylpropoxy)-7-methoxyquinoline-3-carboxamide
- 6-{[(2R)-3-(cyclopropylamino)-2-hydroxy-2-methylpropyl]oxy}-4-[(2-ethylphenyl)amino]-7-methoxyquinoline-3-carboxamide
- 25 6-{[(2S)-3-(cyclopropylamino)-2-hydroxy-2-methylpropyl]oxy}-4-[(2-ethylphenyl)amino]-7-methoxyquinoline-3-carboxamide
- 6-[3-(cyclopropylamino)-2-hydroxypropoxy]-4-{[2-ethyl-3-(hydroxymethyl)phenyl]amino}-7-methoxyquinoline-3-carboxamide

- 6-{{(2R)-3-(cyclopropylamino)-2-hydroxypropyl}oxy}-4-[(2-ethylphenyl)amino]-7-methoxyquinoline-3-carboxamide
- 6-{{(2S)-3-(cyclopropylamino)-2-hydroxypropyl}oxy}-4-[(2-ethylphenyl)amino]-7-methoxyquinoline-3-carboxamide
- 5 3-(aminocarbonyl)-4-[(2-ethylphenyl)amino]-7-methoxyquinolin-6-yl 2-methylpropanoate
- 6,7-diethoxy-4-[(4-methyl-1-oxo-1,2-dihydroisoquinolin-5-yl)amino]quinoline-3-carboxamide
- 6,7-diethoxy-4-[(4-methyl-1-oxo-1,2,3,4-tetrahydroisoquinolin-5-yl)amino]quinoline-3-carboxamide
- 10 tert-butyl 5-{{[3-(aminocarbonyl)-6,7-diethoxyquinolin-4-yl]amino}}-3,4-dihydroisoquinoline-2(1H)-carboxylate
- 6,7-diethoxy-4-(1,2,3,4-tetrahydroisoquinolin-5-ylamino)quinoline-3-carboxamide
- 4-{{[3-(azidomethyl)-2-ethylphenyl]amino}}-6-[3-(cyclopropylamino)propoxy]-7-methoxyquinoline-3-carboxamide
- 15 4-{{[3-(aminomethyl)-2-ethylphenyl]amino}}-6-[3-(cyclopropylamino)propoxy]-7-methoxyquinoline-3-carboxamide
- 4-{{[3-(aminomethyl)-2-ethylphenyl]amino}}-7-{3-[isobutyryl(isopropyl)amino]propoxy}-6-methoxyquinoline-3-carboxamide
- 4-{{[3-(azidomethyl)-2-ethylphenyl]amino}}-6-[3-(cyclopropylamino)-2-hydroxypropoxy]-7-methoxyquinoline-3-carboxamide
- 20 methoxyquinoline-3-carboxamide
- 4-{{[3-(aminomethyl)-2-ethylphenyl]amino}}-6-[3-(cyclopropylamino)-2-hydroxypropoxy]-7-methoxyquinoline-3-carboxamide
- 4-{{[3-[(acetylamino)methyl]-2-ethylphenyl]amino}}-6-{3-[acetyl(cyclopropyl)amino]-2-hydroxypropoxy}-7-methoxyquinoline-3-carboxamide
- 25 6-[3-(cyclopropylamino)-2-hydroxypropoxy]-4-{{[2-ethyl-3-(1H-imidazol-1-ylmethyl)phenyl]amino}}-7-methoxyquinoline-3-carboxamide
- 6-[3-(cyclopropylamino)-2-hydroxypropoxy]-4-{{[2-ethyl-3-(1H-pyrazol-1-ylmethyl)phenyl]amino}}-7-methoxyquinoline-3-carboxamide
- 6-{{(2S)-3-(cyclopropylamino)-2-hydroxypropyl}oxy}-4-{{[2-ethyl-3-(morpholin-4-ylmethyl)phenyl]amino}}-7-methoxyquinoline-3-carboxamide
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- amino{6,7-diethoxy-4-[(2-ethylphenyl)amino]quinolin-3-yl}methanol
 6-[3-(cyclopropylamino)propoxy]-4-[[2-ethyl-3-(1H-imidazol-1-ylmethyl)phenyl]amino]-
 7-methoxyquinoline-3-carboxamide
 4-[[2-ethyl-3-(1H-imidazol-1-ylmethyl)phenyl]amino]-6-methoxy-7-(2-
 5 methoxyethoxy)quinoline-3-carboxamide
 6-(ethylamino)-4-[[2-ethyl-3-(1H-imidazol-1-ylmethyl)phenyl]amino]-7-
 methoxyquinoline-3-carboxamide
 6-[(2,2-dimethoxyethyl)amino]-4-[(2-ethylphenyl)amino]-7-methoxyquinoline-3-
 carboxamide
 10 6-[(3,3-diethoxypropyl)amino]-4-[(2-ethylphenyl)amino]-7-methoxyquinoline-3-
 carboxamide
 tert-butyl [2-({3-(aminocarbonyl)-4-[(2-ethylphenyl)amino]-7-methoxyquinolin-6-
 yl}amino)ethyl]carbamate
 tert-butyl {2-[(3-(aminocarbonyl)-4-[[2-ethyl-3-(hydroxymethyl)phenyl]amino]-7-
 15 methoxyquinolin-6-yl)amino]ethyl}carbamate
 6-[[3-(cyclopropylamino)propyl]amino]-4-[(2-ethylphenyl)amino]-7-methoxyquinoline-3-
 carboxamide
 4-(2,3-dihydro-1H-inden-1-ylamino)-6,7-dimethoxyquinoline-3-carboxamide
 6,7-diethoxy-4-[(2-methylcyclohexyl)amino]quinoline-3-carboxamide
 20 4-[[{(3S)-1-(cyanoacetyl)pyrrolidin-3-yl]amino]-6,7-dimethoxyquinoline-3-carboxamide
 4-[[{(3S)-1-(cyanoacetyl)piperidin-3-yl]amino]-6,7-dimethoxyquinoline-3-carboxamide
 or a pharmaceutically acceptable salt or solvate thereof.

15. A pharmaceutical composition comprising a compound as claimed in any one of claims
 25 1 to 14, or a pharmaceutically acceptable salt thereof, in association with a pharmaceutically
 acceptable adjuvant, diluent or carrier.

16. A process for the preparation of a pharmaceutical composition as claimed in claim 15
 which comprises mixing a compound as defined in any one of claims 1 to 14 or a

pharmaceutically acceptable salt thereof, with a pharmaceutically acceptable adjuvant, diluent or carrier.

17. A compound as claimed in any one of claims 1 to 14 or a pharmaceutically acceptable salt thereof for use in therapy.

18. A compound as claimed in any one of claims 1 to 14 or a pharmaceutically acceptable salt thereof, for use in treating a disease or condition mediated by JAK3 .

19. Use of a compound, as claimed in any one of claims 1 to 14 or a pharmaceutically acceptable salt thereof in the manufacture of a medicament for use in the treatment of organ transplant rejection, lupus, multiple sclerosis, rheumatoid arthritis, psoriasis, Type I diabetes and complications from diabetes, cancer, asthma, rhinitis, atopic dermatitis, autoimmune thyroid disorders, ulcerative colitis, Crohn's disease, Alzheimer's disease, leukemia, and other autoimmune diseases.

20. Use according to claim 19 in the manufacture of a medicament for the treatment of asthma, host versus graft rejection/transplantation or rheumatoid arthritis.

21. A method of treating a disease or condition mediated by JAK3 which comprises administering to a patient in need of such treatment a therapeutically effective amount of a compound as claimed in any of claims 1 to 14 or a pharmaceutically acceptable salt thereof

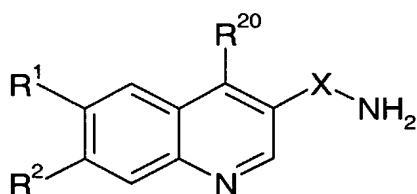
22. A method according to claim 21 in which the disease or condition is asthma, host versus graft rejection/transplantation or rheumatoid arthritis.

23. A process for preparing a compound of formula (I) as defined in claim 1 or a pharmaceutically acceptable salt thereof, which comprises:

(a) reaction of a compound of formula (II):

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(II)

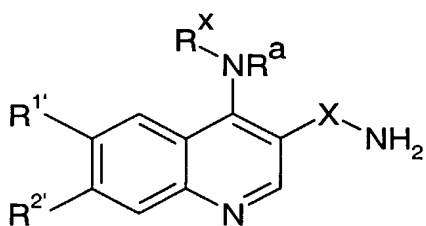


in which R^1 and R^2 are as defined in claim 1 or are protected derivatives thereof and R^{20} is a
 5 leaving group, with a compound of formula (III):



in which R^x is as defined for formula (I) for claim 1 or a protected derivative thereof, or

- 10 (b) for compounds of formula (I) where R^1 and/or R^2 are groups $Y(CR^3_2)_pNR^4R^5$, $Y(CR^3_2)_pCONR^4R^5$, $Y(CR^3_2)_pCO_2R^6$, $Y(CR^3_2)_pOR^6$ or $Y(CR^3_2)_pR^6$ where Y is oxygen and R^3 , R^4 , R^5 and R^6 are as defined in claim 1, reaction of a compound of formula (IV):



15 (IV)

where the $R^{1'}$ or $R^{2'}$ to be converted into a group $Y(CR^3_2)_pNR^4R^5$, $Y(CR^3_2)_pCONR^4R^5$, $Y(CR^3_2)_pCO_2R^6$, $Y(CR^3_2)_pOR^6$ or $Y(CR^3_2)_pR^6$ is hydroxy and the other $R^{1'}$ or $R^{2'}$ together with R^x are as defined above for process (a) with a compound of formula (V):

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where R^{21} is NR^4R^5 , $CONR^4R^5$, CO_2R^6 , OR^6 or R^6 and R^4 , R^5 and R^6 are as defined in formula (I) in claim 1 or are protected derivatives thereof,

and optionally thereafter process (a) or (b)

- 5 • removing any protecting groups
- converting a compound of formula (I) into a further compound of formula (I)
- forming a pharmaceutically acceptable salt or solvate.